L Number	Hits	Search Text	DB	Time stamp
2	2	5638425.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/18 06:53
3	103	(5638425.pn. (("6377296" "5265014" "6240448" "6473734" "6601026" "6292830" "6003070" "5999595" "5937422" "5937148" "6005860" "6067516" "6434547" "5802314" "5500920" "5956681" "6052657" "5418951" "5434777" "5608624" "5625814" "5708829" "5748841" "5510822" "5970460" "5991712" "6073095" "6298326" "6345252" "6345253" "6363380" "6377927" "6434524" "6532444" "6584179" "6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4612416" "6094649" "6169985" "63533831" "6424980" "6456308" "5650799" "5832474").pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/18 06:59
4	23	(US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-6052657-\$ or US-6005860-\$ or US-5937168-\$ or US-5650799-\$ or US-5625814-\$ or US-5606624-\$ or US-5559940-\$ or US-5509920-\$ or US-5434777-\$ or US-565014-\$ or US-4612416-\$ or US-6609091-\$ or US-5625748-\$ or US-4579533-\$ or US-4406626-\$ or US-59959595-\$ or US-6581055-\$ or US-5956706-\$ or US-5978423-\$), idid. or (EP-892540-\$), idid.	USPAT; DERWENT	2003/10/18 06:59
6	64	((\( \) \) 6338425, pn. ((\) \( \) 6377296" \) \( \) 2265014" \) \( \) 6240448" \) \( \) 6473734" \) \( \) \( \) 60030076" \) \( \) \( \) \( \) 60030076" \) \( \)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/18 07:28
7	19	(((US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-6052657-\$ or US-6005860-\$ or US-5937168-\$ or US-5650799-\$ or US-5625814-\$ or US-5608624-\$ or US-5559940-\$ or US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-4612416-\$ or US-6609091-\$ or US-5625748-\$ or US-4579533-\$ or US-4406626-\$ or US-599959-\$ or US-581055-\$ or US-596766-\$ or US-5878423-\$).did. or (EP-892540-\$).did.)) and (map display\$4 pict\$8 graph\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/10/18 07:22
8	12	(((US-5633425-\$ or US-6240448-\$ or US-6138100-\$ or US-6052657-\$ or US-6005860-\$ or US-5937168-\$ or US-5650799-\$ or US-5625814-\$ or US-5608624-\$ or US-5559940-\$ or US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-4612416-\$ or US-6609091-\$ or US-5625748-\$ or US-4579533-\$ or US-4406626-\$ or US-5999595-\$ or US-6581055-\$ or US-596706-\$ or US-5878423-\$).did. or (EP-892540-\$).did.)) and (pict88 graph\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/18 07:21
10	34	(((56384Z5, pn. (("6377296" "5265014" "6240448" "6473734" "6601026" "6292830" "6003070" "5999595" "5937168" "6005860" "60057516" "6434547" "5802314" "5500920" "5956881" "6052657" "5418951" "5434777" "5608624" "5522814" "5708829" "5748841" "5918222" "5970460" "5991712" "6073095" "6298326" "6345252" "6345252" "6363380" "6377927" "6434524" "6532444" "6584179" "6615172" "5559940" "6514377" "6366299" "6183100" "6272495" "6397228" "4612416" "6094649" "6169985" "6353831" "6424980" "6456308" "5650799" "5832474") pn.  )) and @ad<=2010330) ((US-5638425-\$ or US-650799" "5832474") pn.  )US-6005880-\$ or US-5937168-\$ or US-5650799-\$ or US-5625814-\$ or US-6052657-\$ or US-55509920-\$ or US-5534477") or US-5500920-\$ or US-5434777-\$ or US-5255014-\$ or US-6609091-\$ or US-5525748-\$ or US-5550939-\$ or US-5650824-\$ or US-5625748-\$ or US-5895095-\$ or US-5851055-\$ or US-5956706-\$ or US-5878423-\$).did. or (EP-892540-\$).did.)) and (text with (data adj base or database))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/18 08:19

Search History 10/18/03 11:30:55 AM Page 1 C:\APPS\EAST\Workspaces\09820865.wsp

11	65	((5638425.pn. (("6377296" "5265014" "6240448" "6473734" "6601026" "6292830" "6003070" "5999595"	USPAT;	2003/10/18 08:30
	1	"5937422" "5937168" "6005860" "6067516" "6434547" "5802314" "5500920" "5956681" "6052657"	US-PGPUB;	1 .
	1	"5418951" "5434777" "5608624" "5625814" "5708829" "5748841" "5918222" "5970460" "5991712"	EPO: JPO:	1
	I	"6073095" "6298326" "6345252" "6345253" "6363380" "6377927" "64345244" "6532444" "6584179"	DERWENT;	1
	l	"6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4612416" "6094649"	IBM TDB	
		"6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.	·=···-	
		)) and @ad<=20010330) ((US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-6052657-\$ or		
	1	US-6005860-\$ or US-5937168-\$ or US-5650799-\$ or US-5625814-\$ or US-5608624-\$ or US-5559940-\$ or	ŀ	
	1	US-5500920-\$ or US-5434777-\$ or US-525014-\$ or US-4612416-\$ or US-6609091-\$ or US-5625748-\$ or		
			l	1
		US-4579533-\$ or US-4406626-\$ or US-5999595-\$ or US-6581055-\$ or US-5956706-\$ or US-5878423-\$).did.	ĺ	
	1	or (EP-892540-\$).did.)) and (location address)	USPAT:	2003/10/18 08:19
12	21			2003/10/16 06.19
		US-5650799-\$ or US-5625814-\$ or US-5608624-\$ or US-5559940-\$ or US-5500920-\$ or US-5434777-\$ or	US-PGPUB;	
		US-5265014-\$ or US-4612416-\$ or US-6609091-\$ or US-5625748-\$ or US-4579533-\$ or US-4406626-\$ or	EPO; JPO;	1
		US-5999595-\$ or US-6581055-\$ or US-5956706-\$ or US-5878423-\$).did. or (EP-892540-\$).did.) and	DERWENT;	
	I	(location address)	IBM_TDB	l
13	11		USPAT;	2003/10/18 08:43
	1	"5937422" "5937168" "6005860" "6067516" "6434547" "5802314" "5500920" "5956681" "6052657"	US-PGPUB;	}
		**5418951" "5434777" "5608624" "5625814" "5708829" "5748841" "5918222" "5970460" "5991712"	EPO; JPO;	1
	1	[ "6073095" "6298326" "6345252" "6345253" "6363380" "6377927" "6434524" "6532444" "6584179"	DERWENT;	
	1	#6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4612416" "6094649"	IBM_TDB	
	1	"6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.		1
	1	)) and @ad<=20010330) ((US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-6052657-\$ or	f	
	1	US-6005860-\$ or US-5937168-\$ or US-5650799-\$ or US-5625814-\$ or US-5608624-\$ or US-5559940-\$ or		
	1	US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-4612416-\$ or US-6609091-\$ or US-5625748-\$ or	j	
	1	US-4579533-\$ or US-4406626-\$ or US-5999595-\$ or US-6581055-\$ or US-5956706-\$ or US-5878423-\$).did.		l i
		or (EP-892540-\$).did.)) and (subscri\$6)		l i
14	1 1	(((5638425.pn. (("6377296" "5265014" "6240448" "6473734" "6601026" "6292830" "6003070" "5999595"	USPAT:	2003/10/18 08:43
• •		"5937422" "5937168" "6005860" "6067516" "6434547" "5802314" "5500920" "5956681" "6052657"	US-PGPUB:	
	1	"5418951" "5434777" "5608624" "5625814" "5708829" "5748841" "5918222" "5970460" "5991712"	EPO: JPO:	
	1	"6073095" "6298326" "6345252" "6345253" "6363380" "6377927" "64345244" "6532444" "6584179"	DERWENT:	
	1	"6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4612416" "6094649"	IBM TDB	
	ł	"6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.	10	
		)) and @ad<=20010330) ((US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-6052657-\$ or	1	
		US-6005860-\$ or US-5937168-\$ or US-5650799-\$ or US-5625814-\$ or US-5608624-\$ or US-5559940-\$ or		
		US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-4612416-\$ or US-6609091-\$ or US-5625748-\$ or		
	1	US-4579533-\$ or US-4406626-\$ or US-5999595-\$ or US-6581055-\$ or US-5956708-\$ or US-5878423-\$).did.	1	
			•	1
	١ .	or (EP-892540-\$).did.)) and (subscri\$6 with address) [((5638425.pn. (("6377296" "5265014" "6240448" "6473734" "6601026" "6292830" "6003070" "5999595"	USPAT:	2003/10/18 08:45
15	2	(("5838425,pn. (("637/296" 525014" 5240448 547374 5001025 5232530 500310 5333335)	US-PGPUB:	2003/10/10 00.43
	ł	"5937422" "5937168" "6005860" "6067516" "6434547" "5802314" "5500920" "5956681" "6052657"	EPO: JPO:	
		"5418951" "5434777" "5608624" "5625814" "5708829" "5748841" "5918222" "5970460" "5991712"	DERWENT;	
		"6073095" "6298326" "6345252" "6345253" "6363380" "6377927" "6434524" "6532444" "6584179"		
	1	"6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4612416" "6094649"	IBM_TDB	
	1	"6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.		
	1	)) and @ad<=20010330) ((US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-6052657-\$ or		
	1	US-6005860-\$ or US-5937168-\$ or US-5650799-\$ or US-5625814-\$ or US-5608624-\$ or US-5559940-\$ or		[
	1	US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-4612416-\$ or US-6609091-\$ or US-5625748-\$ or		t l
	1	US-4579533-\$ or US-4406626-\$ or US-5999595-\$ or US-6581055-\$ or US-5958706-\$ or US-5878423-\$).did.		l l
	1	or (EP-892540-\$).did.)) and (subscri\$6 same address)		Ī

16	7	(((5638425.pn. (("6. 96" "5265014" "6240448" "6473734" "6601026" "6292830" "6003070" "599	USPAT;	2003/10/18 08:53
	1	"5937422" "5937168" "6005860" "6067516" "6434547" "5802314" "5500920" "5956681" "6052657"	US-PGPUB;	1
		"5418951" "5434777" "5608624" "5625814" "5708829" "5748841" "5918222" "5970460" "5991712"	EPO; JPO;	
	1	"6073095" "6298326" "6345252" "6345253" "6363380" "6377927" "6434524" "6532444" "6584179"	DERWENT;	1
		[ "6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4612416" "6094649"	IBM_TDB	
		"6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.		
	1	)) and @ad<=20010330) ((US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-6052657-\$ or		
		US-6005860-\$ or US-5937168-\$ or US-5650799-\$ or US-5625814-\$ or US-5608624-\$ or US-5559940-\$ or		
	1	US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-4612416-\$ or US-6609091-\$ or US-5625748-\$ or		
		US-4579533-\$ or US-4406626-\$ or US-5999595-\$ or US-6581055-\$ or US-5956706-\$ or US-5878423-\$).did.		
		or (EP-892540-\$).did.)) and (subscri\$6 and address)		
17	27	(((5638425.pn, (("6377296" "5265014" "6240448" "6473734" "6601026" "6292830" "6003070" "5999595"	USPAT;	2003/10/18 08:56
		"5937422" "5937168" "6005860" "6067516" "6434547" "5802314" "5500920" "5956681" "6052657"	US-PGPUB;	
		"5418951" "5434777" "5608624" "5625814" "5708829" "5748841" "5918222" "5970460" "5991712"	EPO; JPO;	
		"6073095" "6298326" "6345252" "6345253" "6363380" "6377927" "6434524" "6532444" "6584179"	DERWENT;	
	ŀ	"6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4612416" "6094649"	IBM_TDB	i
	ļ	"6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.		i
		)) and @ad<=20010330) ((US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-6052657-\$ or		i .
		US-6005860-\$ or US-5937168-\$ or US-5650799-\$ or US-5625814-\$ or US-5608624-\$ or US-5559940-\$ or		1
		US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-4612416-\$ or US-6609091-\$ or US-5625748-\$ or		
		US-4579533-\$ or US-4406626-\$ or US-5999595-\$ or US-6581055-\$ or US-5956706-\$ or US-5878423-\$).did.		
		or (EP-892540-\$).did.)) and (real adj time)	USPAT:	2003/10/18 08:57
18	38	(((5638425.pn. (("6377296" "5265014" "6240448" "6473734" "6601026" "6292830" "6003070" "5999595"	US-PGPUB:	2003/10/18 08.3/
		"5937422" "5937168" "6005860" "6067516" "6434547" "5802314" "5500920" "5956681" "6052657"	EPO: JPO:	
		"5418951" "5434777" "5608624" "5625814" "5708829" "5748841" "5918222" "5970460" "5991712" "6073095" "6298326" "6345252" "6345253" "6363380" "6377927" "6434524" "6532444" "6584179"	DERWENT:	
		"6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4612416" "6094649"	IBM TDB	į
		"6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.	IDINI_IDD	
		)) and @ad<=20010330) ((US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-6052657-\$ or		
		US-6005860-\$ or US-5937168-\$ or US-5650799-\$ or US-5625814-\$ or US-5608624-\$ or US-5559940-\$ or		1
		US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-4612416-\$ or US-6609091-\$ or US-5625748-\$ or		
		US-4579533-\$ or US-4406626-\$ or US-5999595-\$ or US-6581055-\$ or US-5956706-\$ or US-5878423-\$).did.		
	ł	or (EP-892540-\$),did,)) and (real adj time or interactive)		
19	45	(((5638425.pn, ((*6377296" *5265014" *6240448" *6473734" *6601026" *6292830" *6003070" *5999595"	USPAT:	2003/10/18 09:24
19	1,3	"5937422" "5937168" "6005860" "6067516" "6434547" "5802314" "5500920" "5956681" "6052657"	US-PGPUB:	
	İ	"5418951" "5434777" "5608624" "5625814" "5708829" "5748841" "5918222" "5970460" "5991712"	EPO: JPO:	
		"6073095" "6298326" "6345252" "6345253" "6363380" "6377927" "6434524" "6532444" "6584179"	DERWENT:	
		"6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4612416" "6094649"	IBM TDB	
		"6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.		
	1	)) and @ad<=20010330) ((US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-6052657-\$ or		
	1	US-6005860-\$ or US-5937168-\$ or US-5650799-\$ or US-5625814-\$ or US-5608624-\$ or US-55559940-\$ or		
		US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-4612416-\$ or US-6609091-\$ or US-5625748-\$ or		
	1	US-4579533-\$ or US-4406626-\$ or US-5999595-\$ or US-6581055-\$ or US-5956706-\$ or US-5878423-\$).did.	ļ	l l
	1	or (EP-892540-\$).did.)) and (real adj time or interactive on-line or on adj line)		
		of the open to distance and the second secon	·	

Search History 10/18/03 11:30:55 AM Page 3 C:\APPS\EAST\Workspaces\09820865.wsp

20	59	(((5638425.pn. (("6377296" "5265014" "6240448" "6473734" "6601026" "6292830" "6003070" "5999595"   "5937422" "5937168" "6005860" "6067516" "6434547" "5802314" "5500920" "5956681" "6052657"	USPAT; US-PGPUB;	2003/10/18 09:24
		**593/422***593/168***6005860***6067516***6434547***5802314***5500920***5990661***6052657 **5418951****5434777****5608624****5625814****5708829***5748841****5918222***5970460****5991712**	EPO: JPO:	1
		"6073095" "6298326" "6345252" "6345253" "6363380" "6377927" "6434524" "6532444" "6584179"	DERWENT:	1
	1	"6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4612416" "6094649"	IBM_TDB	
		"6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.		i
		)) and @ad<=20010330) ((US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-6052657-\$ or	1	
		US-6005860-\$ or US-5937168-\$ or US-5650799-\$ or US-5625814-\$ or US-5608624-\$ or US-5559940-\$ or		
		US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-4612416-\$ or US-6609091-\$ or US-5625748-\$ or	•	
		US-4579533-\$ or US-4406626-\$ or US-5999595-\$ or US-6581055-\$ or US-5956706-\$ or US-5878423-\$).did.		1
		or (EP-892540-\$).did.)) and language		
21	17		USPAT;	2003/10/18 10:18
<del>-</del> ·		US-5650799-\$ or US-5625814-\$ or US-5608624-\$ or US-5559940-\$ or US-5500920-\$ or US-5434777-\$ or	US-PGPUB;	
		US-5265014-\$ or US-4612416-\$ or US-6609091-\$ or US-5625748-\$ or US-4579533-\$ or US-4406626-\$ or	EPO; JPO;	
		US-5999595-\$ or US-6581055-\$ or US-5956706-\$ or US-5878423-\$).did. or (EP-892540-\$).did.) and	DERWENT;	
	1	language	IBM_TDB	1
22	24		USPAT;	2003/10/18 10:46
		"5937422" "5937168" "6005860" "6067516" "6434547" "5802314" "5500920" "5956681" "6052657"	US-PGPUB;	}
		"5418951" "5434777" "5608624" "5625814" "5708829" "5748841" "5918222" "5970460" "5991712"	EPO; JPO;	
		[ "6073095" "6298326" "6345252" "6345253" "6363380" "6377927" "6434524" "6532444" "6584179"	DERWENT;	
		[ "6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4612416" "6094649"	IBM_TDB	
		"6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.		
		)) and @ad<=20010330) ((US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-6052657-\$ or		
		US-6005860-\$ or US-5937168-\$ or US-5650799-\$ or US-5625814-\$ or US-5608624-\$ or US-5559940-\$ or		
	i	US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-4612416-\$ or US-6609091-\$ or US-5625748-\$ or	ł	
	İ	US-4579533-\$ or US-4406626-\$ or US-5999595-\$ or US-6581055-\$ or US-5956706-\$ or US-5878423-\$).did.		
		or (EP-892540-\$).did.)) and (ambigu\$8 disambig\$8 unambigu\$8)		
23	5	(((5638425.pn. (("6377296" "5265014" "6240448" "6473734" "6601026" "6292830" "6003070" "5999595"	USPAT;	2003/10/18 10:47
		"5937422" "5937168" "6005860" "6067516" "6434547" "5802314" "5500920" "5956681" "6052657"	US-PGPUB;	
		"5418951" "5434777" "5608624" "5625814" "5708829" "5748841" "5918222" "5970460" "5991712"	EPO; JPO;	·
		"6073095" "6298326" "6345252" "6345253" "6363380" "6377927" "6434524" "6532444" "6584179"	DERWENT;	
		"6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4612416" "6094649"	IBM_TDB	
		"6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.		
		)) and @ad<=20010330) ((US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-6052657-\$ or		
	1	US-6005860-\$ or US-5937168-\$ or US-5650799-\$ or US-5625814-\$ or US-5608624-\$ or US-5559940-\$ or		
		US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-4612416-\$ or US-6609091-\$ or US-5625748-\$ or		
	1	US-4579533-\$ or US-4406626-\$ or US-5999595-\$ or US-6581055-\$ or US-5956706-\$ or US-5878423-\$).did.		1
		or (EP-892540-\$).did.)) and (ambigu\$8 disambig\$8 unambigu\$8) with data\$4	USPAT:	2003/10/14 10:23
•	1	09/820,865	US-PGPUB:	2003/10/14 10:23
	1		EPO: JPO:	
	1		DERWENT:	
	1		IBM TDB	
	1	00/026 165 00/040 005	USPAT:	2003/10/13 11:11
•	2	09/836,165 09/840,005	US-PGPUB:	2003/10/13 13:11
	1		EPO: JPO:	1
	1		DERWENT:	ŀ
	i		IBM TDB	<b>;</b>

-	2	5638425.pn.	USPAT; US-PGPUB; EPO; JPO;	2003/10/14 10:25
	104	("6377296" "5265014" "6240448" "6473734" "6601026" "6292830" "6003070" "5999595" "5937422" "5937168" "6005860" "6067516" "6434547" "5802314" "5500920" "5956681" "6052657" "5418951"	DERWENT; IBM_TDB USPAT; US-PGPUB:	2003/10/14 11:28
		"5434777" "5608624" "5625814" "5708829" "5748841" "5918222" "5970460" "5991712" "6073095" "6298326" "6345252" "6345252" "6363380" "6377927" "6434524" "6532444" "6584179" "6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4612416" "6094649" "6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.	EPO; JPO; DERWENT; IBM_TDB	
-	56	((5638425.pn. (("6377296" "5265014" "6240448" "6473734" "6601026" "6292830" "6003070" "5999595" "5937422" "5937168" "6005860" "6067516" "6434547" "58002314" "5500920" "5956681" "6052657" "5418951" "5434777" "56008624" "5625814" "5708829" "5748841" "5518222" "5970460" "5991712" "6073095" "6298326" "6345252" "6345253" "6363380" "6377927" "6434524" "6532444" "6584179" "6615172" "5559940" "6014377" "636299" "6138100" "6272495" "6397329" "4612416" "6094649" "6169985" "63533831" "6424980" "6456308" "5650799" "5832474").pn.  )) and @ad<=20010330) and (query or sql)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/14 11:30
-	43		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/14 11:31
-	28		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/14 11:32
-	32		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/14 12:05
-	27		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/14 12:51

Search History 10/18/03 11:30:55 AM Page 5 C:\APPS\EAST\Workspaces\09820865.wsp

			USPAT:	2003/10/14 12:45
-	6			2003/10/14 12:45
		"5937422" "5937168" "6005860" "6067516" "6434547" "5802314" "5500920" "5956681" "6052657"	US-PGPUB;	l l
	ł	"5418951" "5434777" "5608624" "5625814" "5708829" "5748841" "5918222" "5970460" "5991712"	EPO, JPO,	
		"6073095" "6298326" "6345252" "6345253" "6363380" "6377927" "6434524" "6532444" "6584179"	DERWENT;	1
		#6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4612416" "6094649"	IBM_TDB	l l
		"6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.	_	
		)) and @ad<=20010330) and (query or sql) with (db or data adj base or database)) and (voice or speech or		
		acoustic\$4 or audible or audio)) and (voice or speech or acoustic\$4 or audible or audio) with (text\$4 or		
		graphic\$4 or written or writing or key or keyboard or mouse)) and (synthetic or synthesi\$4)		
	_	graphics4 or written or writing or key or keyboard or mouse); and (synthetic or synthesis4)	USPAT:	2003/10/14 12:52
•	0	((((5638425.pn, (("6377296" "5265014" "6240448" "6473734" "6601026" "6292830" "6003070" "5999595"	US-PGPUB:	2003/10/14 12.32
		"5937422" "5937168" "6005860" "6067516" "6434547" "5802314" "5500920" "5956681" "6052657"		
	l	"5418951" "5434777" "5608624" "5625814" "5708829" "5748841" "5918222" "5970460" "5991712"	EPO; JPO;	
		"6073095" "6298326" "6345252" "6345253" "6363380" "6377927" "6434524" "6532444" "6584179"	DERWENT;	
	1	"6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4612416" "6094649"	IBM_TDB	
		"6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.		
	1	)) and @ad<=20010330) and (query or sql) with (db or data adj base or database)) and (voice or speech or		i i
		acoustic\$4 or audible or audio)) and (voice or speech or acoustic\$4 or audible or audio) with (text\$4 or		
		graphic\$4 or written or writing or key or keyboard or mouse) same (result or output or produc\$4) with (method		! !
į				
	_ 1	or form\$4 or mode or type) with "or"	USPAT:	2003/10/14 13:08
-	2			2003/10/14 13.00
		"5937422" "5937168" "6005860" "6067516" "6434547" "5802314" "5500920" "5956681" "6052657"	US-PGPUB;	
		"5418951" "5434777" "5608624" "5625814" "5708829" "5748841" "5918222" "5970460" "5991712"	EPO; JPO;	
		"6073095" "6298326" "6345252" "6345253" "6363380" "6377927" "6434524" "6532444" "6584179"	DERWENT;	
	1 1		IBM_TDB	l i
		"6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.	_	1
l		)) and @ad<=20010330) and (query or sql) with (db or data adj base or database)) and (voice or speech or		
		acoustic\$4 or audible or audio)) and (voice or speech or acoustic\$4 or audible or audio) with (text\$4 or		
		graphic\$4 or written or writing or key or keyboard or mouse) same (result or output or produc\$4) with (method		
		or form\$4 or mode or type) with (either any "or")	USPAT:	2003/10/14 13:17
-	113	704/.ccls. and (voice or speech or acoustic\$4 or audible or audio) with (text\$4 or graphic\$4 or written or		2003/10/14 13.17
		writing or key or keyboard or mouse) same (result or output or produc\$4) with (method or form\$4 or mode or	US-PGPUB;	
	i	type) with (either any "or")	EPO; JPO;	
	!		DERWENT;	1 !
			IBM_TDB	
	13	(US-5638425-\$ or US-5265014-\$ or US-5434777-\$ or US-5500920-\$ or US-5559940-\$ or US-5608624-\$ or	USPAT	2003/10/14 14:29
		US-5625814-\$ or US-6052657-\$ or US-6138100-\$ or US-6240448-\$ or US-4579533-\$ or US-5625748-\$ or		
		US-6609091-\$).did.		
	2	((US-5638425-\$ or US-5265014-\$ or US-5434777-\$ or US-5500920-\$ or US-5559940-\$ or US-5608624-\$ or	USPAT:	2003/10/14 14:31
·	2	US-5625814-\$ or US-6052657-\$ or US-6138100-\$ or US-6240448-\$ or US-4579533-\$ or US-5625748-\$ or	US-PGPUB:	
			EPO: JPO:	
	1	US-6609091-\$).did.) and query with formulat\$4	DERWENT:	
		l i		
			IBM_TDB	
-	8	((5638425.pn. (("6377296" "5265014" "6240448" "6473734" "6601026" "6292830" "6003070" "5999595"	USPAT;	2003/10/14 14:34
	l	"5937422" "5937168" "6005860" "6067516" "6434547" "5802314" "5500920" "5956681" "6052657"	US-PGPUB;	
		"5418951" "5434777" "5608624" "5625814" "5708829" "5748841" "5918222" "5970460" "5991712"	EPO; JPO;	
		"6073095" "6298326" "6345252" "6345253" "6363380" "6377927" "6434524" "6532444" "6584179"	DERWENT;	
	1	"6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4612416" "6094649"	IBM_TDB	
		"6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.	-	
		)) and @ad<=20010330) and query with formulat\$4		
		)) and (gad>=200 10550) and query with formulation		

	12	(((((5638425.pn. () 7296" "5265014" "6240448" "6473734" "6601026" "6292830" "6003070" "5	USPAT:	2003/10/14 14:34
-	12	"5937422" "5937168" "6005860" "6067516" "6434547" "5802314" "5500920" "5956681" "6052657"	US-PGPUB:	
		"5418951" "5434777" "5608624" "5625814" "5708829" "5748841" "5918222" "5970460" "5991712"	EPO; JPO;	
	•	"6073095" "6298326" "6345252" "6345253" "6363380" "6377927" "6434524" "6532444" "6584179"	DERWENT:	
	ŀ	"6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4612416" "6094649"	IBM_TDB	
		"6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.		
		)) and @ad<=20010330) and (query or sql) with (db or data adj base or database)) and (voice or speech or		
		acoustic\$4 or audible or audio)) and (voice or speech or acoustic\$4 or audible or audio) with (text\$4 or		
	1	graphic\$4 or written or writing or key or keyboard or mouse)) and prompt		
	13	(((((5638425.pn. (("6377296" "5265014" "6240448" "6473734" "6601026" "6292830" "6003070" "5999595"	USPAT:	2003/10/14 14:35
•	13	((((15638425.ph. ((16377296 15263614 6240446 6473734 6661626 6222636 6663616 5333335 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	US-PGPUB:	2000/10/14 14:00
	ŀ	"5418951" "5434777" "5608624" "5625814" "5708829" "5748841" "5918222" "5970460" "5991712"	EPO: JPO:	
		"6073095" "6298326" "6345252" "6345253" "6363380" "6377927" "6434524" "6532444" "6584179"	DERWENT:	
		"60/3095" "6298326" "6345252" 6345253	IBM TDB	
			I IDINI_ I DB	
		"6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.		
		)) and @ad<=20010330) and (query or sql) with (db or data adj base or database)) and (voice or speech or		
		acoustic\$4 or audible or audio)) and (voice or speech or acoustic\$4 or audible or audio) with (text\$4 or		
	l	graphic\$4 or written or writing or key or keyboard or mouse)) and prompt\$4	USPAT:	2003/10/14 14:38
•	14	(((((5638425.pn. (("6377296" "5265014" "6240448" "6473734" "6601026" "6292830" "6003070" "5999595"	US-PGPUB:	2003/10/14 14.30
	!	"5937422" "5937168" "6005860" "6067516" "6434547" "5802314" "5500920" "5956681" "6052657"	EPO: JPO:	
	1	"5418951" "5434777" "5608624" "5625814" "5708829" "5748841" "5918222" "5970460" "5991712"	DERWENT:	
		"6073095" "6298326" "6345252" "6345253" "6363380" "6377927" "6434524" "6532444" "6584179"	IBM TDB	
		"6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4612416" "6094649"	IBM_IDB	
	į.	"6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.	1	
	i	)) and @ad<=20010330) and (query or sql) with (db or data adj base or database)) and (voice or speech or	1	
	i	acoustic\$4 or audible or audio)) and (voice or speech or acoustic\$4 or audible or audio) with (text\$4 or	}	
		graphic\$4 or written or writing or key or keyboard or mouse)) and meaning\$4	USPAT:	2003/10/14 14:50
-	4	(((((5638425.pn. (("6377296" "5265014" "6240448" "6473734" "6601026" "6292830" "6003070" "5999595"	US-PGPUB:	2003/10/14 14.50
	i	"5937422" "5937168" "6005860" "6067516" "6434547" "5802314" "5500920" "5956681" "6052657"		
		"5418951" "5434777" "5608624" "5625814" "5708829" "5748841" "5918222" "5970460" "5991712"	EPO; JPO;	
		"6073095" "6298326" "6345252" "6345253" "6363380" "6377927" "6434524" "6532444" "6584179"	DERWENT;	1
		"6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4612416" "6094649"	IBM_TDB	
		"6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.	1	
	1	)) and @ad<=20010330) and (query or sql) with (db or data adj base or database)) and (voice or speech or	1	
		acoustic\$4 or audible or audio)) and (voice or speech or acoustic\$4 or audible or audio) with (text\$4 or		
		graphic\$4 or written or writing or key or keyboard or mouse)) and noise		
-	23	(((((5638425.pn. (("6377296" "5265014" "6240448" "6473734" "6601026" "6292830" "6003070" "5999595"	USPAT;	2003/10/14 14:50
		<u>"5937422" "5937168" "6005860" "6067516" "6434547" "5802314" "5500920" "5956681" "6052657"</u>	US-PGPUB;	1
	1	"5418951" "5434777" "5608624" "5625814" "5708829" "5748841" "5918222" "5970460" "5991712"	EPO; JPO;	
		"6073095" "6298326" "6345252" "6345253" "6363380" "6377927" "6434524" "6532444" "6584179"	DERWENT;	1
		"6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4612416" "6094649"	IBM_TDB	1
	1	"6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.		
	1	)) and @ad<=20010330) and (query or sql) with (db or data adj base or database)) and (voice or speech or	1	1
		acoustic\$4 or audible or audio)) and (voice or speech or acoustic\$4 or audible or audio) with (text\$4 or	1	
		graphic\$4 or written or writing or key or keyboard or mouse)) and search	<u> </u>	<u> </u>

Search History 10/18/03 11:30:55 AM Page 7 C:\APPS\EAST\Workspaces\09820865.wsp

			Tionie	1 0000/40/44 44 54 1
J	15		USPAT;	2003/10/14 14:51
1		"5937422" "5937168" "6005860" "6067516" "6434547" "5802314" "5500920" "5956681" "6052657"	US-PGPUB;	} I
1		"5418951" "5434777" "5608624" "5625814" "5708829" "5748841" "5918222" "5970460" "5991712"	EPO: JPO:	1
	-	"6073095" "6298326" "6345252" "6345253" "6363380" "6377927" "6434524" "6532444" "6584179"	DERWENT:	1
			IBM TDB	1
1		"6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4612416" "6094649"	I I DINI_ I DID	1
1		"6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.		1
1		)) and @ad<=20010330) and (query or sql) with (db or data adj base or database)) and (voice or speech or	1	
		acoustic\$4 or audible or audio)) and (voice or speech or acoustic\$4 or audible or audio) with (text\$4 or	!	l i
		graphic\$4 or writing or key or keyboard or mouse)) and search with data\$4	1	1
			USPAT:	2003/10/14 15:44
	17	(((((5638425.pn. (("6377296" "5265014" "6240448" "6473734" "6601026" "6292830" "6003070" "5999595"		2003/10/14 15.44
		"5937422" "5937168" "6005860" "6067516" "6434547" "5802314" "5500920" "5956681" "6052657"	US-PGPUB;	1 1
		. "5418951" "5434777" "5608624" "5625814" "5708829" "5748841" "5918222" "5970460" "5991712"	EPO; JPO;	1 1
1		"6073095" "6298326" "6345252" "6345253" "6363380" "6377927" "6434524" "6532444" "6584179"	DERWENT:	1
1		"6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4612416" "6094649"	IBM_TDB	1 1
i			1.51.55	1
i .		"6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.	l	
i		)) and @ad<=20010330) and (query or sql) with (db or data adj base or database)) and (voice or speech or	l	1
		acoustic\$4 or audible or audio)) and (voice or speech or acoustic\$4 or audible or audio) with (text\$4 or	1	1
		graphic\$4 or written or writing or key or keyboard or mouse)) and search\$4 with data\$4	[	1
i	20	(((((5638425.pn, (("6377296" "5265014" "6240448" "6473734" "6601026" "6292830" "6003070" "5999595"	USPAT:	2003/10/14 15:57
1	20	(((((3030423.)F)), ((0377429) 3203074 0240444 047374 0501020 0323200 0303070 0303030	US-PGPUB:	2555. (6. ) . 75.5.
1		"5937422" "5937168" "6005860" "6067516" "6434547" "5802314" "5500920" "5956681" "6052657"		1
1		"5418951" "5434777" "5608624" "5625814" "5708829" "5748841" "5918222" "5970460" "5991712"	EPO; JPO;	1
1		"6073095" "6298326" "6345252" "6345253" "6363380" "6377927" "6434524" "6532444" "6584179"	DERWENT;	
1		"6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4612416" "6094649"	IBM TDB	1
		"6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.	-	1 1
i		)) and @ad<=20010330) and (query or sql) with (db or data adj base or database)) and (voice or speech or	1	I i
		)) and @ac=200 10350) and (query bi sql) with (ub bi data adj base bi database) and voice of speech of	1	1 1
		acoustic\$4 or audible or audio)) and (voice or speech or acoustic\$4 or audible or audio) with (text\$4 or		l i
1	l i	graphic\$4 or written or writing or key or keyboard or mouse)) and data\$4 with text		l i
1.	4	(US-5638425-\$ or US-5265014-\$ or US-5434777-\$ or US-5500920-\$ or US-5559940-\$ or US-5608624-\$ or	USPAT;	2003/10/14 15:48
1		US-5625814-\$ or US-6052657-\$ or US-6138100-\$ or US-6240448-\$ or US-4579533-\$ or US-5625748-\$ or	US-PGPUB:	<del>!</del>
1		US-6609091-\$).did.) and phoneme	EPO: JPO:	
1		03-660909 1-3).did.) and proneme	DERWENT:	1 1
				1 !
1	1	l	IBM_TDB	1
-	4.	(((((5638425.pn. (("6377296" "5265014" "6240448" "6473734" "6601026" "6292830" "6003070" "5999595"	USPAT;	2003/10/14 15:50
[		"5937422" "5937168" "6005860" "6067516" "6434547" "5802314" "5500920" "5956681" "6052657"	US-PGPUB;	1
1 1		"5418951" "5434777" "5608624" "5625814" "5708829" "5748841" "5918222" "5970460" "5991712"	EPO; JPO;	1 !
[		"6073095" "6298326" "6345252" "6345253" "6363380" "6377927" "64345244" "6532444" "6584179"	DERWENT:	] [
[			IBM TDB	1
i		"6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4612416" "6094649"	I IDW TIDE	1
		"6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.		1
		)) and @ad<=20010330) and (query or sql) with (db or data adj base or database)) and (voice or speech or		
		acoustic\$4 or audible or audio)) and (voice or speech or acoustic\$4 or audible or audio) with (text\$4 or		l t
1		graphic\$4 or written or writing or key or keyboard or mouse)) and phoneme		[ 1
1 i	ا م،	Graphicos of writing of key of keyboard of modes? and profession of the condition of the co	USPAT:	2003/10/14 15:51
•	13			2003/10/14 13.31
		"5937422" "5937168" "6005860" "6067516" "6434547" "5802314" "5500920" "5956681" "6052657"	US-PGPUB;	ł I
		"5418951" "5434777" "5608624" "5625814" "5708829" "5748841" "5918222" "5970460" "5991712"	EPO; JPO;	j l
		"6073095" "6298326" "6345252" "6345253" "6363380" "6377927" "6434524" "6532444" "6584179"	DERWENT;	l l
		"6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4612416" "6094649"	IBM_TDB	
				t l
1		"6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.		
		)) and @ad<=20010330) and phoneme		

	1	((5638425,pn, (("63, 36" *5265014" "6240448" "6473734" "6601026" "6292830" "6003070" *599	USPAT:	2003/10/14 15:51
i	1	"5937422" "5937168" "6005860" "6067516" "6434547" "5802314" "5500920" "5956681" "6052657"	US-PGPUB;	
	1	"5418951" "5434777" "5608624" "5625814" "5708829" "5748841" "5918222" "5970460" "5991712"	EPO; JPO;	
1	Ì	#6073095" "6298326" "6345252" "6345253" "6363380" "6377927" "6434524" "6532444" "6584179"	DERWENT;	
1	1	"6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4612416" "6094649"	IBM_TDB	
i .	1	"6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.	_	
	1	)) and @ad<=20010330) and speech with phoneme same conver\$4		ļ
1 -	22	(((((5638425.pn. (("6377296" "5265014" "6240448" "6473734" "6601026" "6292830" "6003070" "5999595"	USPAT;	2003/10/14 15:57
1		"5937422" "5937168" "6005860" "6067516" "6434547" "5802314" "5500920" "5956681" "6052657"	US-PGPUB;	
1		"5418951" "5434777" "5608624" "5625814" "5708829" "5748841" "5918222" "5970460" "5991712"	EPO; JPO;	Į.
1	i	"6073095" "6298326" "6345252" "6345253" "6363380" "6377927" "6434524" "6532444" "6584179"	DERWENT;	
1	1	"6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4612416" "6094649"	IBM_TDB	}
1		"6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.		
1		)) and @ad<=20010330) and (query or sql) with (db or data adj base or database)) and (voice or speech or	ł	ļ.
	i	acoustic\$4 or audible or audio)) and (voice or speech or acoustic\$4 or audible or audio) with (text\$4 or		1
1	1	graphic\$4 or written or writing or key or keyboard or mouse)) and speech with text	ļ.	
1.	١ ٥	(10/422,933,09/842,358,09/845,769,),pn.	USPAT;	2003/10/16 08:32
1	-	, , , , , , , , , , , , , , , , , , , ,	US-PGPUB;	
			EPO; JPO;	
1	İ		DERWENT;	
1	i	•	IBM_TDB	
1 -	1 1	10/422.933 09/842.358 09/845.769	USPAT;	2003/10/16 08:32
1	· ·		US-PGPUB;	
			EPO; JPO;	
İ	!		DERWENT;	
	1		IBM_TDB	
1.	13	(US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-6052657-\$ or US-5625814-\$ or US-5608624-\$ or	USPAT	2003/10/16 09:20
1	1	US-5559940-\$ or US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-6609091-\$ or US-5625748-\$ or		
1	1	US-4579533-\$).did.		
l -	78	(704/.ccls. and (voice or speech or acoustic\$4 or audible or audio) with (text\$4 or graphic\$4 or written or	USPAT;	2003/10/16 08:51
	]	writing or key or keyboard or mouse) same (result or output or produc\$4) with (method or form\$4 or mode or	US-PGPUB;	
	1	type) with (either any "or")) and @ad<=20010330	EPO; JPO;	1
	1		DERWENT;	1
	1		IBM_TDB	
-	1 1	((US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-6052657-\$ or US-5625814-\$ or US-5608624-\$ or	USPAT	2003/10/16 09:22
1	l	ÜS-5559940-\$ or US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-6609091-\$ or US-5625748-\$ or	1	i
1	1	US-4579533-\$).did.) and speech with text and speech with phoneme		
l -	3	((5638425.pn, (("6377296" "5265014" "6240448" "6473734" "6601026" "6292830" "6003070" "5999595"	USPAT	2003/10/16 09:22
		"5937422" "5937168" "6005860" "6067516" "6434547" "5802314" "5500920" "5956681" "6052657"	1	i
		"5418951" "5434777" "5608624" "5625814" "5708829" "5748841" "5918222" "5970460" "5991712"		
		"6073095" "6298326" "6345252" "6345253" "6363380" "6377927" "6434524" "6532444" "6584179"	1	
		<u>"6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4612416" "6094649"</u>		!
	1	"6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.		i
	1	)) and @ad<=20010330) and speech with text and speech with phoneme	1	l
-	13	((704/.ccls. and (voice or speech or acoustic\$4 or audible or audio) with (text\$4 or graphic\$4 or written or	USPAT	2003/10/16 09:29
1	ŀ	writing or key or keyboard or mouse) same (result or output or produc\$4) with (method or form\$4 or mode or		
1	ŀ	type) with (either any "or")) and @ad<=20010330) and speech with text and speech with phoneme	1	l
1-	1	((US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-6052657-\$ or US-5625814-\$ or US-5608624-\$ or	USPAT	2003/10/16 09:23
1		ÜS-5559940-\$ or US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-6609091-\$ or US-5625748-\$ or		
	1	US-4579533-\$) did.) and ((speech with text) and (speech with phoneme))	L <u> </u>	
		2.44.20.EE AM. Dogo 0		

Search History 10/18/03 11:30:55 AM Page 9 C:\APPS\EAST\Workspaces\09820865,wsp

	<del>,</del>	(704/ ccls, and (voice or speech or acoustic\$4 or audible or audio) with (text\$4 or graphic\$4 or written or	LUSPAT	2003/10/16 09:31
-	4	writing or key or keyboard or mouse) same (result or output or produc\$4) with (method or form\$4 or mode or	USPAT	2003/10/10 09.31
į		type) with (either any "or")) and @ad<=20010330) and speech with text with (conver\$4 or recogni\$6) and		
ł				
i	407	speech with phoneme with (conver\$4 or recogni\$6) 704/.ccls, and speech with text with (conver\$4 or recogni\$6) and speech with phoneme with (conver\$4 or	USPAT	2003/10/16 09:32
1-	127		USPAI	2003/10/16 09.32
ŀ	1	recogni\$6)		0000/40/40 00:00
-	0	(704/.ccls. and speech with text with (conver\$4 or recogni\$6) and speech with phoneme with (conver\$4 or	USPAT	2003/10/16 09:32
	1	recogni\$6) and @ad<=20010330) and ((US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-6052657-\$	1	
1	ì	or US-5625814-\$ or US-5608624-\$ or US-5559940-\$ or US-5500920-\$ or US-5434777-\$ or US-5265014-\$	1	1
1		or US-6609091-\$ or US-5625748-\$ or US-4579533-\$).did.)	1	
1 -	3	(704/.ccls. and speech with text with (conver\$4 or recogni\$6) and speech with phoneme with (conver\$4 or	USPAT	2003/10/16 09:32
		recogni\$6) and @ad<=20010330) and ((5638425.pn. (("6377296" "5265014" "6240448" "6473734"		1
1		"6601026" "6292830" "6003070" "5999595" "5937422" "5937168" "6005860" "6067516" "6434547"		
	}	"5802314" "5500920" "5956681" "6052657" "5418951" "5434777" "5608624" "5625814" "5708829"		İ
	į	"5748841" "5918222" "5970460" "5991712" "6073095" "6298326" "6345252" "6345253" "6363380"		
ł		"6377927" "6434524" "6532444" "6584179" "6615172" "5559940" "6014377" "6366299" "6138100"	1	
1		"6272495" "6397329" "4612416" "6094649" "6169985" "6353831" "6424980" "6456308" "5650799"		ì
		"5832474").pn.	1	
		)) and @ad<=20010330)	l <b>_</b>	
1 -	126	704/.ccls. and speech with text with (conver\$4 or recogni\$6) and speech with phoneme with (conver\$4 or	USPAT	2003/10/16 09:40
1	1	recogni\$6) and @ad<=20010330		
-	126	704/.ccls. and speech with text with (conver\$4 or recogni\$6) and speech with phoneme with (conver\$4 or	USPAT	2003/10/16 10:30
1	1	recogni\$6) and @ad<=20010330		
-	3	((US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-6052657-\$ or US-5625814-\$ or US-5608624-\$ or	USPAT;	2003/10/16 13:04
ŀ	1	US-5559940-\$ or US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-6609091-\$ or US-5625748-\$ or	US-PGPUB;	
ł	1	US-4579533-\$ or US-4406626-\$).did.) and confidence	EPO; JPO;	
			DERWENT;	
1	1		IBM_TDB	
-	6	(US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-6052657-\$ or US-5625814-\$ or US-5608624-\$ or	USPAT;	2003/10/16 13:41
	1	US-5559940-\$ or US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-6609091-\$ or US-5625748-\$ or	US-PGPUB;	
		US-4579533-\$ or US-4406626-\$).did.) and (probab\$6 assur\$4 confidence convict\$4)	EPO; JPO;	
	i		DERWENT;	
ļ	1		IBM_TDB	
-	14	((US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-6052657-\$ or US-5625814-\$ or US-5608624-\$ or	USPAT;	2003/10/16 13:42
1	1	US-5559940-\$ or US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-6609091-\$ or US-5625748-\$ or	US-PGPUB;	
		US-4579533-\$ or US-4406626-\$).did.) and (out output\$8)	EPO; JPO;	
ł	l		DERWENT;	
		NO. 000001 0 110 000000	IBM_TDB	2003/10/16 13:43
-	5		USPAT;	2003/10/16 13:43
	1	US-5559940-\$ or US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-6609091-\$ or US-5625748-\$ or	US-PGPUB;	
		US-4579533-\$ or US-4406626-\$).did.) and (out output\$8) with (speech and text)	EPO; JPO;	
1	1		DERWENT;	
	1		IBM_TDB	00004040404447
-	5		USPAT;	2003/10/16 14:17
	ì	US-5559940-\$ or US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-6609091-\$ or US-5625748-\$ or	US-PGPUB;	
1	1	US-4579533-\$ or US-4406626-\$).did.) and (out output\$8) with ((speech synthe\$8) and (text gui graphic\$4	EPO; JPO;	
1		print))	DERWENT;	
			IBM_TDB	l

·	3	((US-5638425-\$ or US-40448-\$ or US-6138100-\$ or US-6052657-\$ or US-5625814-\$ or US-568	USPAT;	2003/10/16 14:19
	1	US-5559940-\$ or US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-6609091-\$ or US-5625748-\$ or	US-PGPUB;	i e
	1	US-4579533-\$ or US-4406626-\$).did.) and (mobile radio cellular) with (phone telephone)	EPO; JPO;	
	1		DERWENT:	
	1		IBM TDB	
	3	(((US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-6052657-\$ or US-5625814-\$ or US-5608624-\$ or	USPAT:	2003/10/16 14:20
-	1	US-5559940-\$ or US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-6609091-\$ or US-5625748-\$ or	US-PGPUB:	
		US-4579533-\$ or US-4406626-\$),did,) and (mobile radio cellular) with (phone telephone)) and (WEB WAP	EPO: JPO:	Į.
İ		text SMS.)	DERWENT:	
		text Sivis. )	IBM TDB	
	١ ،	(((US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-6052657-\$ or US-5625814-\$ or US-5608624-\$ or	USPAT:	2003/10/16 14:55
-	"	(((US-56589425-\$ of US-62444446-\$ of US-6138160-\$ of US-665014-\$ or US-6609091-\$ or US-5625748-\$ or US-5559940-\$ or US-560920-\$ or US-5434777-\$ or US-5265014-\$ or US-6609091-\$ or US-5625748-\$ or	US-PGPUB:	2000/10/10 14:00
	1		EPO: JPO:	
		US-4579533-\$ or US-4406626-\$).did.) and (mobile radio cellular) with (phone telephone)) and (WAP SMS.)		
			DERWENT;	
			IBM_TDB	
-	0	((US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-6052657-\$ or US-5625814-\$ or US-5608624-\$ or	USPAT;	2003/10/16 14:55
	1	US-5559940-\$ or US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-6609091-\$ or US-5625748-\$ or	US-PGPUB;	
	1	US-4579533-\$ or US-4406626-\$).did.) and (WAP_SMS.)	EPO; JPO;	
	1		DERWENT;	
	1		IBM_TDB	l .
_	1 0	((5638425.pn. (("6377296" "5265014" "6240448" "6473734" "6601026" "6292830" "6003070" "5999595"	USPAT;	2003/10/16 14:55
	1	"5937422" "5937168" "6005860" "6067516" "6434547" "5802314" "5500920" "5956681" "6052657"	US-PGPUB:	
		"5418951" "5434777" "5608624" "5625814" "5708829" "5748841" "5918222" "5970460" "5991712"	EPO: JPO:	
İ	1	"6073095" "6298326" "6345252" "6345253" "6363380" "6377927" "6434524" "6532444" "6584179"	DERWENT;	1
l	1	"6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4612416" "6094649"	IBM TDB	
i	1	"6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.	1011-100	1
	1	1) and @ad<=20010330) and (WAP SMS.)		
		)) and @ad<=20010330) and (WAP 5MS. ) { (((US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-6052657-\$ or US-5625814-\$ or US-5608624-\$ or	USPAT:	2003/10/16 14:55
-	1 0	(((US-5638425-\$ 07 US-6240448-\$ 07 US-6138100-\$ 01 US-6032637-\$ 01 US-5023614-\$ 01 US-50260424-\$ 01	US-PGPUB:	2003/10/10 14.33
	1	US-5559940-\$ or US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-6609091-\$ or US-5625748-\$ or		1
	-1	US-4579533-\$ or US-4406626-\$).did.) and (mobile radio cellular) with (phone telephone)) and (WAP SMS)	EPO; JPO;	
	1		DERWENT;	!
	1		IBM_TDB	
-	0	((5638425.pn. (("6377296" "5265014" "6240448" "6473734" "6601026" "6292830" "6003070" "5999595"	USPAT;	2003/10/16 14:55
	1	"5937422" "5937168" "6005860" "6067516" "6434547" "5802314" "5500920" "5956681" "6052657"	US-PGPUB;	1
		"5418951" "5434777" "5608624" "5625814" "5708829" "5748841" "5918222" "5970460" "5991712"	EPO; JPO;	
		"6073095" "6298326" "6345252" "6345253" "6363380" "6377927" "6434524" "6532444" "6584179"	DERWENT;	
	1	**r6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4612416" "6094649"	1BM_TDB	
		"6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.	-	
		)) and @ad<=20010330) and (WAP SMS )	j	
١.	360	704/.ccls. and (WAP SMS)	USPAT:	2003/10/16 14:56
-	1 309	1047,000. 010 (1771 0100)	US-PGPUB:	
			EPO: JPO:	1
			DERWENT:	1
			IBM TOB	i
	4011	(MAND CMC)	USPAT:	2003/10/16 14:58
-	1341	((speech or voice) adj recogni\$6) and (WAP_SMS.)		2003/10/10 14.50
			US-PGPUB;	
			EPO; JPO;	!
	1		DERWENT;	!
			IBM_TDB	<u> </u>

Search History 10/18/03 11:30:55 AM Page 11 C:\APPS\EAST\Workspaces\09820865.wsp

-	137	(704/.ccls. and (WAP SMS)) and (((speech or voice) adj recogni\$6) and (WAP SMS))	USPAT;	2003/10/16 14:57
	1		US-PGPUB;	] [
	1		EPO; JPO;	1 [
1			DERWENT;	!
			IBM_TDB	<u> </u>
1.	83	((704/.ccls. and (WAP SMS)) and (((speech or voice) adj recogni\$6) and (WAP SMS))) and	USPAT;	2003/10/16 14:58
1		@ad<=20010330	US-PGPUB:	1
			EPO: JPO:	1
1	l		DERWENT:	i
i	ĺ		IBM TDB	1
i. i	1341	((speech or voice) adj recogni\$6) and (WAP "SMS")	USPAT:	2003/10/16 14:59
1		( , , , , , , , , , , , , , , , , , , ,	US-PGPUB:	1
1	i		EPO; JPO;	1
1	1		DERWENT:	!
			IBM TDB	1
	83	(704/.ccls. and (WAP_SMS )) and (((speech or voice) adj recogni\$6) and (WAP_"SMS" )) and	USPAT:	2003/10/16 14:59
-	"	@ad<=20010330	US-PGPUB:	
	!	@45 250 10050	EPO: JPO:	j
	!		DERWENT:	1
	l		IBM_TDB	j l
1.	1103	((speech or voice) adj recogni\$6) and (WAP "SMS")	USPAT;	2003/10/16 14:59
1	1103	((speak) of voice) adjitecognios) and (vvv)	US-PGPUB:	2500, 10, 10 11,00
i I	1		EPO: JPO:	i
			DERWENT:	i
1	i		IBM_TDB	l
1	41	(704/.ccls. and (WAP_SMS )) and (((speech or voice) adj recogni\$6) and (WAP_"SMS" )) and	USPAT:	2003/10/16 15:02
'	"'	(Mad<=20010330	US-PGPUB:	2000/10/10 10:02
1		@au20010330	EPO: JPO:	
	i		DERWENT:	
!			IBM TDB	
1	20	(704/,ccls, and (WAP_SMS )) and (((speech or voice) adj recogni\$6) and (WAP_"SMS" )) and	USPAT:	2003/10/16 15:03
-	20	((YO4), Cols. and (WAA) SMIS )) and (((speech of Voice) adjitecogniso) and (WAA) SMIS )) and	US-PGPUB:	2000/10/10 10:00
l l	l	(Bau200 10330) and (messaging messager)	EPO; JPO;	1
			DERWENT:	
1			ІВМ ТОВ	
1		((US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-6052657-\$ or US-5625814-\$ or US-5608624-\$ or	USPAT:	2003/10/16 15:11
1	'	US-5559940-\$ or US-550920-\$ or US-5434777-\$ or US-5265014-\$ or US-6609091-\$ or US-5625748-\$ or	US-PGPUB:	
1 1		US-4579533-\$ or US-4406626-\$).did.) and (messaging messager)	EPO: JPO:	
1		UC-431 2000-9 di UC-4400020-9).did.) and (messagnig Messagei)	DERWENT:	i i
1 1			IBM TDB	
	0	(((5638425.pn, (("6377296" "5265014" "6240448" "6473734" "6601026" "6292830" "6003070" "5999595"	USPAT:	2003/10/16 15:11
-		(((3636425.ph), (( 6377296	US-PGPUB:	
		"5418951" "5434777" "5608624" "5625814" "5708829" "5748841" "5918222" "5970460" "5991712"	EPO: JPO:	1
		"6073095" "6298326" "6345252" "6345253" "6363380" "6377927" "6434524" "6532444" "6584179"	DERWENT:	
		\$ "6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4612416" "6094649"	IBM TDB	
		6616985" "6353831" "6424980" "6456308" "5650799" "5832474"),pn.		
		)) and @ad<=20010330) and (WAP SMS. )) AND SPELL\$4	1	
		)) and (wads-200 10000) and (VVAF ONIG. )) AND GFELLS4	1	<b></b>

			T T T T T T T T T T T T T T T T T T T	
-	7	((US-5638425-\$ o) \$240448-\$ or US-6138100-\$ or US-6052657-\$ or US-5625814-\$ or US-56	USPAT;	2003/10/16 15:22
		ÜS-5559940-\$ or US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-6609091-\$ or US-5625748-\$ or	US-PGPUB;	
		US-4579533-\$ or US-4406626-\$).did.) AND SPELL\$4	EPO; JPO;	
			DERWENT;	
	1		IBM TDB	
	1	((US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-6052657-\$ or US-5625814-\$ or US-5608624-\$ or	USPAT:	2003/10/16 15:39
		US-5559940-\$ or US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-6609091-\$ or US-5625748-\$ or	US-PGPUB:	
	1	US-4579533-\$ or US-4406626-\$).did.) AND SPELL\$4 with (request\$4 or ask\$4)	EPO: JPO:	
		05-43/3535-\$ 01 05-4400020-\$).did.) AND SPELLS4 With (requests4 of asks4)	DERWENT:	
	1		IBM_TDB	
	11		USPAT;	2003/10/16 15:55
		US-5559940-\$ or US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-6609091-\$ or US-5625748-\$ or	US-PGPUB;	
		US-4579533-\$ or US-4406626-\$).did.) AND associat\$4	EPO; JPO;	
	1	· · · · · · · · · · · · · · · · · · ·	DERWENT;	
	1		ІВМ ТОВ	
	2	((US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-6052657-\$ or US-5625814-\$ or US-5608624-\$ or	USPAT:	2003/10/16 15:56
	-	US-5559940-\$ or US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-6609091-\$ or US-5625748-\$ or	US-PGPUB:	
	i	US-4579533-\$ or US-4406626-\$).did.) AND associat\$4 same link\$4 same search	EPO: JPO:	
	1	05-43/355-\$ of 05-4400020-\$).did.) AND associated same linked same search	DERWENT:	
	1			
	_		IBM_TDB	000040404045
•	2	((US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-6052657-\$ or US-5625814-\$ or US-5608624-\$ or	USPAT;	2003/10/16 15:59
		ÜS-5559940-\$ or US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-6609091-\$ or US-5625748-\$ or	US-PGPUB;	
	1	US-4579533-\$ or US-4406626-\$).did.) AND ((associat\$4 same link\$4 same search) or assoc\$6 with name)	EPO; JPO;	
			DERWENT;	
	!		IBM_TOB	
	0	((US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-6052657-\$ or US-5625814-\$ or US-5608624-\$ or	USPAT:	2003/10/16 15:59
		US-5559940-\$ or US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-6609091-\$ or US-5625748-\$ or	US-PGPUB:	
		US-4579533-\$ or US-4406626-\$).did.) AND (name with close)	EPO: JPO:	
	!	05-45/5555-5 01 05-4400025-5).uld.) AND (Hame with close)	DERWENT:	
				1
		100 000 000 000 000 000 000 000 000 000	IBM_TDB	2003/10/16 16:00
	2	((US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-6052657-\$ or US-5625814-\$ or US-5608624-\$ or	USPAT;	2003/10/16 16:00
		US-5559940-\$ or US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-6609091-\$ or US-5625748-\$ or	US-PGPUB;	
		US-4579533-\$ or US-4406626-\$).did.) AND (name with (close or near\$2 or approximate))	EPO; JPO;	1
	1		DERWENT;	
	1		IBM_TDB	
	3	((US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-6052657-\$ or US-5625814-\$ or US-5608624-\$ or	USPAT;	2003/10/16 16:19
	1	US-5559940-\$ or US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-6609091-\$ or US-5625748-\$ or	US-PGPUB.	
	1	US-4579533-\$ or US-4406626-\$).did.) AND (name with (close or near\$2 or approximate similar\$4))	EPO; JPO;	
		CO 407 0000 & Cr DO Trooper of the trial trial (trial of the trial of	DERWENT:	
			IBM TDB	
	6	((US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-6052657-\$ or US-5625814-\$ or US-5608624-\$ or	USPAT:	2003/10/16 16:20
	6	((US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-60526514-\$ or US-6609091-\$ or US-560526748-\$ or US-5559940-\$ or US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-6609091-\$ or US-5625748-\$ or	US-PGPUB:	2003/10/10 10.20
				1
		US-4579533-\$ or US-4406626-\$).did.) AND (name with (close or near\$2 or approximate similar\$4 phone	EPO; JPO;	1
		address))	DERWENT;	
	1		IBM_TDB	1
	9	((US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-6052657-\$ or US-5625814-\$ or US-5608624-\$ or	USPAT;	2003/10/16 16:30
		ÜS-5559940-\$ or US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-6609091-\$ or US-5625748-\$ or	US-PGPUB;	Į.
		US-4579533-\$ or US-4406626-\$).did.) AND (name with (close or near\$2 or approximate similar\$4 phone	EPO: JPO:	1
		address office home faxi)	DERWENT:	i
		addition of the carry	IBM TDB	
	ــــــــــــــــــــــــــــــــــــــ		1	J

Search History 10/18/03 11:30:55 AM Page 13 C:\APPS\EAST\Workspaces\09820865.wsp

	14	((US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-6052657-\$ or US-5625814-\$ or US-5608624-\$ or	USPAT:	2003/10/16 16:31
1	'7	US-5559940-\$ or US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-6609091-\$ or US-5625748-\$ or	US-PGPUB:	2000/10/10 10:01
	ł	US-4579533-\$ or US-4406626-\$),did.) AND (priority or preference or first or order)	EPO: JPO:	
		Control of the contro	DERWENT:	
			IBM TDB	
_	و ا	((US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-6052657-\$ or US-5625814-\$ or US-5608624-\$ or	USPAT;	2003/10/16 16:32
		US-5559940-\$ or US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-6609091-\$ or US-5625748-\$ or	US-PGPUB:	
	ļ	US-4579533-\$ or US-4406626-\$).did.) AND (priority or preference or first or order format) with (display out	EPO: JPO:	ļ
	1	output\$4 writ\$4 produc\$4 generat\$4)	DERWENT:	
ĺ	ŀ	output mine in processor games and in	IBM TDB	
-	14	(US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-6052657-\$ or US-5625814-\$ or US-5608624-\$ or	USPAT	2003/10/17 13:19
		US-5559940-\$ or US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-6609091-\$ or US-5625748-\$ or		į
	1	US-4579533-\$ or US-4406626-\$).did.		i
· -	12	((US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-6052657-\$ or US-5625814-\$ or US-5608624-\$ or	USPAT;	2003/10/17 13:34
		US-5559940-\$ or US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-6609091-\$ or US-5625748-\$ or	US-PGPUB.	1
		US-4579533-\$ or US-4406626-\$).did.) and connect\$4	EPO; JPO;	
		·	DERWENT;	l
	1		IBM_TDB	i
-	1	"4979206".PN.	USPAT	2003/10/17 13:31
-	14	((US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-6052657-\$ or US-5625814-\$ or US-5608624-\$ or	USPAT;	2003/10/17 13:37
		ÜS-5559940-\$ or US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-6609091-\$ or US-5625748-\$ or	US-PGPUB;	
		US-4579533-\$ or US-4406626-\$).did.) and (telephone or number)	EPO; JPO;	i
			DERWENT;	
	i		IBM_TDB	
-	2	((US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-6052657-\$ or US-5625814-\$ or US-5608624-\$ or	USPAT;	2003/10/17 13:40
		US-5559940-\$ or US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-6609091-\$ or US-5625748-\$ or	US-PGPUB;	
		US-4579533-\$ or US-4406626-\$).did.) and message with (id or identification or caller)	EPO; JPO;	
			DERWENT;	
1	_		IBM_TDB	0000404745.00
-	8	((5638425.pn. (("6377296" "5265014" "6240448" "6473734" "6601026" "6292830" "6003070" "5999595"	USPAT;	2003/10/17 15:02
		"5937422" "5937168" "6005860" "6067516" "6434547" "5802314" "5500920" "5956681" "6052657"	US-PGPUB;	
	İ	"5418951" "5434777" "5608624" "5625814" "5708829" "5748841" "5918222" "5970460" "5991712"	EPO; JPO; DERWENT:	
	ļ	"6073095" "6298326" "6345252" "6345253" "6363380" "6377927" "6434524" "6532444" "6584179"	IBM TOB	
		"6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4612416" "6094649"	IBM_TUB	
	1	"6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.		
	10	)) and @ad<=20010330) and message with (id or identification or caller) ((5638425.pn, (("6377296" "5265014" "6240448" "6473734" "6601026" "6292830" "6003070" "5999595"	USPAT:	2003/10/17 14:24
•	"	(13036425.pri. (1 0377296	US-PGPUB:	2003/10/17 14.24
	1	"5418951" "5434777" "5608624" "5625814" "5708829" "5748841" "5918222" "5970460" "5991712"	EPO: JPO:	ł
		"6073095" "6298326" "6345252" "6345253" "6363380" "6377927" "6434524" "6532444" "6584179"	DERWENT:	
		"6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4612416" "6094649"	IBM_TDB	
	1	"6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.	·-·· <b>-</b> ·	
	<b>}</b>	)) and @ad<=20010330) and (message or mail) with (id or identification or caller)		
-	10	((5638425.pn, (("6377296" "5265014" "6240446" "6473734" "6601026" "6292830" "6003070" "5999595"	USPAT;	2003/10/17 13:40
		"5937422" "5937168" "6005860" "6067516" "6434547" "5802314" "5500920" "5956681" "6052657"	US-PGPUB:	
		"5418951" "5434777" "5608624" "5625814" "5708829" "5748841" "5918222" "5970460" "5991712"	EPO, JPO,	
	[	"6073095" "6298326" "6345252" "6345253" "6363380" "6377927" "6434524" "6532444" "6584179"	DERWENT;	
		"6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4812416" "6094649"	IBM_TDB	
		"6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.	_	
		)) and @ad<=20010330) and (message or mail or e-mail or email) with (id or identification or caller)		

-	3	((US-5638425-\$ or US-5625814-\$ or US-6138100-\$ or US-6052657-\$ or US-5625814-\$ or US-56	USPAT;	2003/10/17 14:24
		US-5559940-\$ or US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-6609091-\$ or US-5625748-\$ or	US-PGPUB;	
		US-4579533-\$ or US-4406626-\$).did.) and (text or photo\$6 or audio or video) with (id or identification or	EPO; JPO;	Į.
		caller)	DERWENT;	
			IBM_TDB	i
-	15	((5638425.pn. (("6377296" "5265014" "6240448" "6473734" "6601026" "6292830" "6003070" "5999595"	USPAT;	2003/10/17 14:25
		] "5937422" "5937168" "6005860" "6067516" "6434547" "5802314" "5500920" "5956681" "6052657"	US-PGPUB;	i
		"5418951" "5434777" "5608624" "5625814" "5708829" "5748841" "5918222" "5970460" "5991712"	EPO; JPO;	
		#6073095" "6298326" "6345252" "6345253" "6363380" "6377927" "6434524" "6532444" "6584179"	DERWENT:	ŀ
		"6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4612416" "6094649"	IBM_TDB	ł.
		"6169985" "6353831" "6424980" "6456308" "5650799" "5832474"),pn.	-	Į.
		)) and @ad<=20010330) and (text or photo\$6 or audio or video) with (id or identification or caller)	1	1
_	52		USPAT:	2003/10/17 15:02
	02	"5937422" "5937168" "6005860" "6067516" "6434547" "5802314" "5500920" "5956681" "6052657"	US-PGPUB:	
		"5418951" "5434777" "5608824" "5625814" "5708829" "5748841" "5918222" "5970460" "5991712"	EPO: JPO:	1
	į	"6073095" "6298326" "6345252" "6345253" "6363380" "6377927" "6434524" "6532444" "6584179"	DERWENT:	
	İ	"6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4612416" "6094649"	IBM TDB	Ì
		1 "6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.	10141_100	1
		(a) and @ad<=20010330) and (size or entry)	1	
	42	((5638425.pn. (("6377296" "5265014" "6240448" "6473734" "6601026" "6292830" "6003070" "5999595"	USPAT:	2003/10/17 15:03
-	42	(15038423.pm. ((16377296   5263014   6240448   6473734   6661626   6222636   6663676   5333333   175937422" "5937168" "6005860" "6067516" "6434547" "5802314" "5500920" "5956681" "6052657"	US-PGPUB:	2003/10/17 13:03
			EPO: JPO:	
		* "5418951" "5434777" "5608624" "5625814" "5708829" "5748841" "5918222" "5970460" "5991712"	DERWENT:	
		"6073095" "6298326" "6345252" "6345253" "6363380" "6377927" "6434524" "6532444" "6584179"	IBM TDB	1
		"6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4612416" "6094649"	I IBM_1DB	1
		"6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.		
		)) and @ad<=20010330) and (size or entries)	USPAT:	2003/10/17 15:05
•	33	((5638425.pn. (("6377296" "5265014" "6240448" "6473734" "6601026" "6292830" "6003070" "5999595"	US-PGPUB:	2003/10/17 13.03
		"5937422" "5937168" "6005860" "6067516" "6434547" "5802314" "5500920" "5956681" "6052657"		
		"5418951" "5434777" "5608624" "5625814" "5708829" "5748841" "5918222" "5970460" "5991712"	EPO; JPO;	
	1	"6073095" "6298326" "6345252" "6345253" "6363380" "6377927" "6434524" "6532444" "6584179"	DERWENT;	
		"6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4612416" "6094649"	IBM_TDB	1
		"6169985" "6353831" "6424980" "6456308" "5650799" "5832474") pn.	,	
		)) and @ad<=20010330) and (size or entries) same data\$4		
-	6	((5638425 pn. (("6377296" "5265014" "6240448" "6473734" "6601026" "6292830" "6003070" "5999595"	USPAT;	2003/10/17 15:08
		"5937422" "5937168" "6005860" "6067516" "6434547" "5802314" "5500920" "5956681" "6052657"	US-PGPUB;	
	l i	"5418951" "5434777" "5608624" "5625814" "5708829" "5748841" "5918222" "5970460" "5991712"	EPO; JPO;	
		"6073095" "6298326" "6345252" "6345253" "6363380" "6377927" "6434524" "6532444" "6584179"	DERWENT;	
	1	"6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4612416" "6094649"	IBM_TDB	
		"6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.	•	
		)) and @ad<=20010330) and (size or entries) same data\$4 same search		
-	0	vqriable with (prompt or question) same (size or entries) same data\$4 same search	USPAT;	2003/10/17 15:09
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	1
	4	variable with (prompt or question) same (size or entries) same data\$4 same search	USPAT;	2003/10/17 15:10
	1		US-PGPUB;	1
	]		EPO; JPO;	
	1		DERWENT;	
	(		IBM_TDB	!
			I IDM I DR	I

Search History 10/18/03 11:30:55 AM Page 15 C:\APPS\EAST\Workspaces\09820865.wsp

	61	(variable or vary\$4) adj number with (query or question) and data\$4	USPAT:	2003/10/17 15:11
1.	61	(variable or varys4) adj number with (query or question) and datas4	US-PGPUB:	2003/10/17 13.11
	ļ.			
	1		EPO; JPO;	
			DERWENT;	
1			IBM_TDB	
l -	26	(variable or vary\$4) adj number with (query or question) same ( data\$4 index field)	USPAT;	2003/10/17 15:12
			US-PGPUB:	
			EPO: JPO:	
İ	i		DERWENT:	
1	i		IBM TDB	
Į.	26	(variable or vary\$4) adj number with (query or question) same ( data\$4 index field key\$4)	USPAT:	2003/10/17 15:57
1-	20	(variable of varyst) and normal with (query of question) same ( datast index field keyst)	US-PGPUB:	2003/10/17 13:31
			EPO; JPO;	
1	ĺ		DERWENT;	
İ	_		IBM_TDB	
-	5	(variable or vary\$4) adj number with (query or question) same ( data\$4 index field key\$4) same result	USPAT;	2003/10/17 15:58
İ			US-PGPUB;	
-			EPO; JPO;	
			DERWENT;	
1	1		IBM TOB	
l. ,	109	(data\$4 same (number quantity amount volume) with (query\$4 prompt\$4 question\$4 interrogat\$4) same	USPAT:	2003/10/17 16:01
	,,,,	(threshold limit)) and (voice speech) adj recogni\$6	US-PGPUB:	
		(all esticises all (voice specially est, vees gives	EPO: JPO:	
			DERWENT:	
1			IBM TDB	
	71	(database or base) same (number quantity amount volume) with (query\$4 prompt\$4 question\$4	USPAT:	2003/10/17 16:32
] -	71			2003/10/17 10:32
		interrogat\$4) same (threshold limit) and (voice speech) adj recogni\$6	US-PGPUB;	
			EPO; JPO;	
	ĺ		DERWENT;	
1			IBM_TDB	
-	11		USPAT;	2003/10/17 16:03
		interrogat\$4) same (threshold limit) and (voice speech) adj recogni\$6) and 704/.ccls.	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
ł l			IBM TDB	l
-	45	(database or base) same (number quantity amount volume) with (query\$4 prompt\$4 question\$4	USPAT:	2003/10/17 16:42
1		interrogat\$4) same (threshold limit) and stop with (operation or process)	US-PGPUB:	' '
1		, , , , , , , , , , , , , , , , , , , ,	EPO: JPO:	
			DERWENT:	
			IBM TDB	
i .	137	(database or base) same (number quantity amount volume) with (query\$4 prompt\$4 question\$4 return	USPAT:	2003/10/17 16:43
1	13/	response interrogat\$4) same (threshold limit) and stop with (operation or process)	US-PGPUB:	2000/10/1/ 10:40
		response interrogate4) same (mreshold limit) and stop with (operation of process)	EPO: JPO:	
			DERWENT;	
	ا ا	[	IBM_TOB	
!-	131	((database or base) same (number quantity amount volume) with (query\$4 prompt\$4 question\$4 return	USPAT;	2003/10/17 16:43
		response interrogat\$4) same (threshold limit) and stop with (operation or process)) not ((data\$4 same	US-PGPUB;	
ļ [		(number quantity amount volume) with (query\$4 prompt\$4 question\$4 interrogat\$4) same (threshold limit))	EPO; JPO;	
]		and (voice speech) adj recogni\$6)	DERWENT:	
i l			IBM_TDB	

	92	((database or basme (number quantity amount volume) with (query\$4 prompt\$4 question\$4	USPAT;	2003/10/17 16:44
	1	response interrogat\$4) same (threshold limit) and stop with (operation or process)) not (((data\$4 same	US-PGPUB;	1
1		(number quantity amount volume) with (query\$4 prompt\$4 question\$4 interrogat\$4) same (threshold limit))	EPO; JPO;	
1		and (voice speech) adj recogni\$6) ((database or base) same (number quantity amount volume) with	DERWENT;	
i	1	(query\$4 prompt\$4 question\$4 interrogat\$4) same (threshold limit) and stop with (operation or process))	IBM_TDB	
	i	((database or base) same (number quantity amount volume) with (query\$4 prompt\$4 question\$4		1 1
		interrogat\$4) same (threshold limit) and (voice speech) adj recogni\$6))		
-	74		USPAT;	2003/10/17 16:48
	i	response interrogat\$4) same (threshold limit) and stop with (operation or process)) not (((data\$4 same	US-PGPUB;	1
		(number quantity amount volume) with (query\$4 prompt\$4 question\$4 interrogat\$4) same (threshold limit))	EPO; JPO;	1 1
		and (voice speech) adj recogni\$6) ((database or base) same (number quantity amount volume) with	DERWENT;	
1		(query\$4 prompt\$4 question\$4 interrogat\$4) same (threshold limit) and stop with (operation or process))	IBM_TDB	1
1		((database or base) same (number quantity amount volume) with (query\$4 prompt\$4 question\$4		1 1
1		interrogat\$4) same (threshold limit) and (voice speech) adj recogni\$6))) and @ad<=20010330		
1-	18	US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-5625814-\$ or US-6052657-\$ or US-5608624-\$ or	USPAT	2003/10/17 16:50
1		US-5559940-\$ or US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-6609091-\$ or US-5625748-\$ or		
1		US-4579533-\$ or US-4406626-\$ or US-4612416-\$ or US-6581055-\$ or US-5878423-\$ or US-5956706-\$).did.		
l -	17	((US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-5625814-\$ or US-6052657-\$ or US-5608624-\$ or	USPAT;	2003/10/17 17:25
		ÜS-5559940-\$ or US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-6609091-\$ or US-5625748-\$ or	US-PGPUB;	
	1	US-4579533-\$ or US-4406626-\$ or US-4612416-\$ or US-6581055-\$ or US-5878423-\$ or	EPO; JPO;	
		US-5956706-\$).did.) and (operator human)	DERWENT;	
			IBM_TDB	
-	0	((US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-5625814-\$ or US-6052657-\$ or US-5608624-\$ or	USPAT;	2003/10/17 17:25
		US-5559940-\$ or US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-6609091-\$ or US-5625748-\$ or	US-PGPUB;	
		US-4579533-\$ or US-4406626-\$ or US-4612416-\$ or US-6581055-\$ or US-5878423-\$ or	EPO; JPO;	
		US-5956706-\$).did.) and (operator human) with (confidence or probability or probable)	DERWENT;	
			IBM_TDB	1
i -	0	(5638425.pn. (6377296" 5265014" 6240448" 6473734" 6601026" 6292830" 6003070" 5999595"	USPAT;	2003/10/17 17:25
		"5937422" "5937168" "6005860" "6067516" "6434547" "5802314" "5500920" "5956681 <b>"</b> "6052657"	US-PGPUB;	1
	1	"5418951" "5434777" "5608624" "5625814" "5708829" "5748841" "5918222" "5970460" "5991712"	EPO; JPO;	
İ		#6073095" "6298326" "6345252" "6345253" "6363380" "6377927" "6434524" "6532444" "6584179"	DERWENT;	
l	1	"6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4612416" "6094649"	IBM_TDB	
į.		"6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.		
ŀ		)) and @ad<=20010330) and (operator human) with (confidence or probability or probable)		1
-	2	((5638425.pn. (("6377296" "5265014" "6240448" "6473734" "6601026" "6292830" "6003070" "5999595"	USPAT;	2003/10/17 17:45
	Ĭ	"5937422" "5937168" "6005860" "6067516" "6434547" "5802314" "5500920" "5956681" "6052657"	US-PGPUB;	
-		"5418951" "5434777" "5608624" "5625814" "5708829" "5748841" "5918222" "5970460" "5991712"	EPO; JPO;	
		"6073095" "6298326" "6345252" "6345253" "6363380" "6377927" "6434524" "6532444" "6584179"	DERWENT;	1
	1	"6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4612416" "6094649"	IBM_TDB	
1	1	"6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.		
		)) and @ad<=20010330) and (operator human) same (confidence or probability or probable)		

Search History 10/18/03 11:30:55 AM Page 17 C:\APPS\EAST\Workspaces\09820865.wsp

	6	(((US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-6052657-\$ or US-5625814-\$ or US-5608624-\$ or US-5559940-\$ or US-5500920-\$ or US-5434777-\$ or US-5265014-\$ or US-6509991-\$ or US-5625748-\$ or US-4579533-\$ or US-4406626-\$). did), ((6538425.pn. ((*637726* "5265014" "5240448" 6473734" "6601026" "6292830" "6003707" "5998595" "5937422" "5937188" "6005860" "6067516" "6434547" "58002314" "5500920" "5956681" "6052657" "5418951" "5434777" "5608624" "5625814" "5708829" "5748841" "5918222" "5970460" "5991712" "6073095" "6298326" "6345252" "6345253" "636380" "637927" "6434524" "6532444" "6584179" "6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4612416" "6094649" "6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 17:46
-	17	)) and @ad<=20010330)) and remote with database (((US-5638425-\$ or US-6625814-\$ or US-5608624-\$ or US-5638425-\$ or US-6240448-\$ or US-6138100-\$ or US-562657-\$ or US-6625814-\$ or US-5608624-\$ or US-5559940-\$ or US-5509920-\$ or US-5434777-\$ or US-5265014-\$ or US-6609991-\$ or US-5625748-\$ or US-4579533-\$ or US-4406626-\$), did,) ((5638425,pn. ("6377226" "5265014" "6240448" "6473734" "6601026" "6529280" "66003070" "5999595" "5937422" "5937148" "5608620" "6067516" "6434547" "5802314" "5500920" "5956681" "6052657" "5418951" "5434777" "5608624" "5625814" "5708829" "5748841" "5918222" "5970460" "5991712" "6073095" "6289326" "6345252" "6345253" "6363380" "6377927" "6434524" "6532444" "6584179" "6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4612416" "6094649" "6169985" "6353831" "6424980" "6456308" "5650799" "5932474"),pn.  )) and @ad<=20010330)) and remot\$4 same data\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 17:49
-	26	\(\(\(\)(\)(\)(\)(\)(\)(\)(\)(\)(\)(\)(\	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 17:49
-	25	)) and @ad<=20010330)) and remot\$4 (((US-5638425-\$ or US-6625814-\$ or US-5608624-\$ or US-5638425-\$ or US-6240448-\$ or US-56138100-\$ or US-5625614-\$ or US-5625814-\$ or US-5608624-\$ or US-5559940-\$ or US-5509920-\$ or US-5434777-\$ or US-5255014-\$ or US-6609991-\$ or US-5625748-\$ or US-4579533-\$ or US-4406626-\$), did.) ((5638425.pn. ("6377296" "5265014" "6240448" "6473734" "6601026" "6922830" "6003070" "5999595" "5937422" "5937168" "6005860" "6067516" "6445477" "5802314" "5500920" "59556811" "6052657" "5418951" "5434777" "5500824" "55265114" "570829" "5748841" "5918222" "5970460" "5991712" "6073095" "6298326" "6345252" "6343253" "6363380" "6377927" "6434524" "6532444" "65584179" "6615172" "5559940" "6014377" "6366299" "6138100" "6272495" "6397329" "4612416" "6094649" "6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 17:55
-	38	)) and @ad<=20010330)) and remot\$4 and data\$4 ((IU.S-638425.s or US-6525814-\$ or US-5608624-\$ or US-559940-\$ or US-562608624-\$ or US-559940-\$ or US-550920-\$ or US-5434777-\$ or US-565614-\$ or US-6609091-\$ or US-5625748-\$ or US-5595940-\$ or US-550920-\$ or US-5434777-\$ or US-5265014-\$ or US-6609091-\$ or US-5625748-\$ or US-4579533-\$ or US-4406626-\$).did.) ((5638425.pn. (16377296" "5265014" "6240448" "647374" "6601026" "6922830" "6903070" "5995595" "597422" "5937422" "5937428" "5608624" "5625814" "6708829" "5748841" "5500920" "59586811" "6052657" "5418951" "5434777" "5808624" "5625814" "6708829" "5748841" "5518222" "5974060" "5991712" "6073095" "6298236" "6345252" "6345252" "6383380" "6377927" "6434524" "65824179" "6615172" "5559940" "8014377" "3686299" "6138100" "6272495" "6393329" "4612416" "6094649" "6169985" "6353831" "6424980" "6456308" "5650799" "57832474").pn.  ***D334484" "550046489" "5994649" "6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.  ***D334484" "550046489" "5994649" "6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.  ***D33448484" "550046489" "5994649" "6169985" "6353831" "6424980" "6456308" "5650799" "5832474").pn.  ***D334484848484848484848484848484848484848	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 17:56